Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091084.D
Acq On : 8 Nov 2016 16:13
Operator : UM/SJ
Sample : PB94597BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94597BSD

Manual Integrations APPROVED
umangi
11/9/2016 10:56:50 AM

Quant Time: Nov 09 01:25:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178795	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	773675	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	374530	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	615899	20.00	ng		0.00
75) Chrysene-d12	13.81	240	574229	20.00	ng		0.00
86) Perylene-d12	15.19	264	363525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1408030	130.06	ng		0.02
7) Phenol-d6	6.33	99	1683376	114.56	ng		0.01
23) Nitrobenzene-d5	7.23	82	1195530	84.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	481968	142.34	ng		0.01
44) 2-Fluorobiphenyl	9.04	172	2011137	92.45	ng		0.00
78) Terphenyl-d14	12.76	244	1749896	76.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	174813	28.23	ng		99
3) Pyridine	2.85	79	461429	31.85	ng		98
4) n-Nitrosodimethylamine	2.81	42	203963	35.59	ng		91
6) Aniline	6.34	93	98569	5.69	ng	#	1
8) 2-Chlorophenol	6.45	128	490497	37.98	ng		85
9) Benzaldehyde	6.21	77	55779	6.84	ng		93
10) Phenol	6.34	94	578469	35.57	ng	#	53
11) bis(2-Chloroethyl)ether	6.41	93	509361	37.17	ng		90
12) 1,3-Dichlorobenzene	6.60	146	504488	38.63	ng		98
13) 1,4-Dichlorobenzene	6.68	146	547727	39.09	ng		97
14) 1,2-Dichlorobenzene	6.83	146	501735	39.01	ng		98
15) Benzyl Alcohol	6.82	79	416375	40.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	721313	36.76	ng		95
17) 2-Methylphenol	6.94	107	430475	42.11	ng		97
18) Hexachloroethane	7.17	117	214933	39.63	ng		94
19) n-Nitroso-di-n-propylamine	7.09	70	437847	43.00	ng		94
20) 3+4-Methylphenols	7.09	107	560446	45.66	ng	#	82
22) Acetophenone	7.08	105	738386	41.45	ng	#	95
24) Nitrobenzene	7.25	77	593531	37.89	ng		95
25) Isophorone	7.49	82	1045850	38.27	ng		98
26) 2-Nitrophenol	7.57	139	290384	43.81	ng	#	78
27) 2,4-Dimethylphenol	7.62	122	434807	39.66	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	643503	43.10	ng		99
29) 2,4-Dichlorophenol	7.82	162	397975	41.60	ng		93
30) 1,2,4-Trichlorobenzene	7.89	180	429597	39.93	ng		99
31) Naphthalene	7.97	128	1528891	41.32	ng		100
32) Benzoic acid	7.74	122	100760	15.61	ng		98
33) 4-Chloroaniline	8.05	127	47083	3.06	ng	#	94
34) Hexachlorobutadiene	8.10	225	231725	39.91	ng		98
35) Caprolactam	8.40	113	76119m	25.32	ng		
36) 4-Chloro-3-methylphenol	8.53	107	464204	40.08	ng		97
37) 2-Methylnaphthalene	8.66	142	919171	38.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	413946	43.35	ng		99
40) Hexachlorocyclopentadiene	8.82	237	315306	84.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	263899	42.81	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	289187	44.68	ng		95
45) 1,1'-Biphenyl	9.13	154	1104073	40.37	ng		100
46) 2-Chloronaphthalene	9.15	162	852592	41.06	ng		100
47) 2-Nitroaniline	9.25	65	250664	32.53	ng		98
48) Acenaphthylene	9.56	152	1215398	37.56	ng		100
49) Dimethylphthalate	9.44	163	930814	37.90	ng		100
50) 2,6-Dinitrotoluene	9.50	165	206251	39.19	ng	#	43
51) Acenaphthene	9.73	154	750826	36.96	ng		99
52) 3-Nitroaniline	9.66	138	51452	8.24	ng		100
53) 2,4-Dinitrophenol	9.78	184	215162	75.44	ng		94
54) Dibenzofuran	9.90	168	1094140	40.01	ng		98
55) 4-Nitrophenol	9.85	139	242603	59.92	ng		91
56) 2,4-Dinitrotoluene	9.90	165	308421	46.06	ng		94
57) Fluorene	10.25	166	898060	40.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	247619	48.84	ng		92
59) Diethylphthalate	10.13	149	977811	38.83	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	449703	44.21	ng		96
61) 4-Nitroaniline	10.28	138	171706	27.20	ng		92
62) Azobenzene	10.40	77	1056378	35.64	ng		85
64) 4,6-Dinitro-2-methylphenol	10.32	198	153143	40.61	ng		99
65) n-Nitrosodiphenylamine	10.36	169	740513	37.83	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	266379	41.58	ng		93
67) Hexachlorobenzene	10.80	284	342636	48.49	ng	#	88
68) Atrazine	10.90	200	227242	40.24	ng		100
69) Pentachlorophenol	10.99	266	266513	85.16	ng		99
70) Phenanthrene	11.21	178	1446459	44.18	ng		99
71) Anthracene	11.25	178	1312524	37.71	ng		100
72) Carbazole	11.41	167	1214489	38.72	ng		99
73) Di-n-butylphthalate	11.76	149	1648751	41.79	ng		100
74) Fluoranthene	12.39	202	1318497	38.83	ng		97
77) Pyrene	12.61	202	1446054	38.45	ng		100
79) Butylbenzylphthalate	13.24	149	418454	23.26	ng	#	82
80) Benzo(a)anthracene	13.80	228	1210368	37.12	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	25896	2.26	ng	#	97
82) Chrysene	13.84	228	1170141	36.40	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	862898	35.45	ng	#	98
84) Di-n-octyl phthalate	14.42	149	1539583	38.47	ng		98
85) Indeno(1,2,3-cd)pyrene	16.48	276	937986	35.17	ng		99
87) Benzo(b)fluoranthene	14.81	252	1109182m	44.99	ng		
88) Benzo(k)fluoranthene	14.83	252	916108m	42.36	ng		
89) Benzo(a)pyrene	15.13	252	861794	40.15	ng	#	95
90) Dibenzo(a,h)anthracene	16.49	278	802931	43.27	ng		97
91) Benzo(g,h,i)perylene	16.85	276	708451	42.22	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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